

1. A loudspeaker magnetic motor comprising  
  
a voice coil  
  
the voice coil comprising two or more wire coils,  
  
the wire coils being connected in parallel and being layered on top of one another.
2. A loudspeaker magnetic motor according to claim 1, wherein at least one of the coils comprises a conductor having a round cross-section.
3. A loudspeaker magnetic motor according to claim 2, wherein the coils comprise wires having round cross-sections.
4. A loudspeaker magnetic motor according to claim 2, in which  
  
a first wire coil is disposed about a support, and  
  
a second wire coil is disposed about the first coil.
5. A loudspeaker magnetic motor according to claim 1, comprising a magnetic field source.
7. A loudspeaker magnetic motor according to claim 5, wherein the magnetic field source is a permanent magnet.
8. A loudspeaker magnetic motor according to claim 7, wherein the magnetic field source comprises a rare earth metal.

9. A loudspeaker magnetic motor according to claim 8, wherein the magnetic field source comprises neodymium.
10. A loudspeaker magnetic motor according to claim 9, wherein the magnetic field source comprises a neodymium boron iron magnet.
11. A loudspeaker magnetic motor according to claim 10, wherein the neodymium boron iron magnet has a cylindrical cross-section.
12. A loudspeaker comprising
- a voice coil
- the voice coil comprising two or more wire coils,
- the wire coils being connected in parallel and being layered on top of one another.
13. A loudspeaker according to claim 12, wherein at least one of the coils comprises a conductor having a round cross-section.
14. A loudspeaker according to claim 13, wherein the coils comprise wires having round cross-sections.
15. A loudspeaker according to claim 13, in which
- a first wire coil is disposed about a support, and
- a second wire coil is disposed about the first coil.

16. A loudspeaker according to claim 12, comprising a magnetic field source.
18. A loudspeaker according to claim 16, wherein the magnetic field source is a permanent magnet.
19. A loudspeaker according to claim 18, wherein the magnetic field source comprises a rare earth metal.
20. A loudspeaker according to claim 19, wherein the magnetic field source comprises neodymium.
21. A loudspeaker according to claim 20, wherein the magnetic field source comprises a neodymium boron iron magnet.
22. A loudspeaker according to claim 21, wherein the neodymium boron iron magnet has a cylindrical cross-section.